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A probabilistic causal model for diagnostic problem solving, part one: integrating symbolic causal inference with numeric probabilistic inference

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Authors [Y. Peng](#)
[J. A. Reggia](#)

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↑ INDEX TERMS

Classification:

[G. Mathematics of Computing](#)

I. Computing Methodologies

↪ **I.2 ARTIFICIAL INTELLIGENCE**

General Terms:

Design, Theory

↑ **Collaborative Colleagues:**

Y. Peng: Y. T. Chew
L. Fong
Nenad Ivezic
M. Kinnaert
J. Qiu
J. A. Reggia
T. Rhodes
C. Shu

J. A. Reggia: B-T. B. Chu
J. D. Lohn
Y. Peng
S. B. Seidman
P. Y. Wang

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Probabilistic reasoning in expert systems: theory and algorithms

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↑ INDEX TERMS

Primary Classification:

I. Computing Methodologies

↪ I.2 ARTIFICIAL INTELLIGENCE

↪ **I.2.3** Deduction and Theorem Proving

↪ **Subjects:** Uncertainty, "fuzzy," and probabilistic reasoning

Additional Classification:

G. Mathematics of Computing

↪ **G.2** DISCRETE MATHEMATICS

I. Computing Methodologies

↪ **I.2** ARTIFICIAL INTELLIGENCE

General Terms:

Algorithms, Design, Theory

↑ **REVIEW**

"Randy L. Garrett"

While the focus of this graduate-level textbook is on causal networks, it discusses a number of approaches to adding reasoning under uncertainty to expert systems. It deals with numerically representing uncertainty in expert systems when the u more...

↑ **Collaborative Colleagues:**

Richard E. Neapolitan: James R. Kenevan
Kumarss Naimipour

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